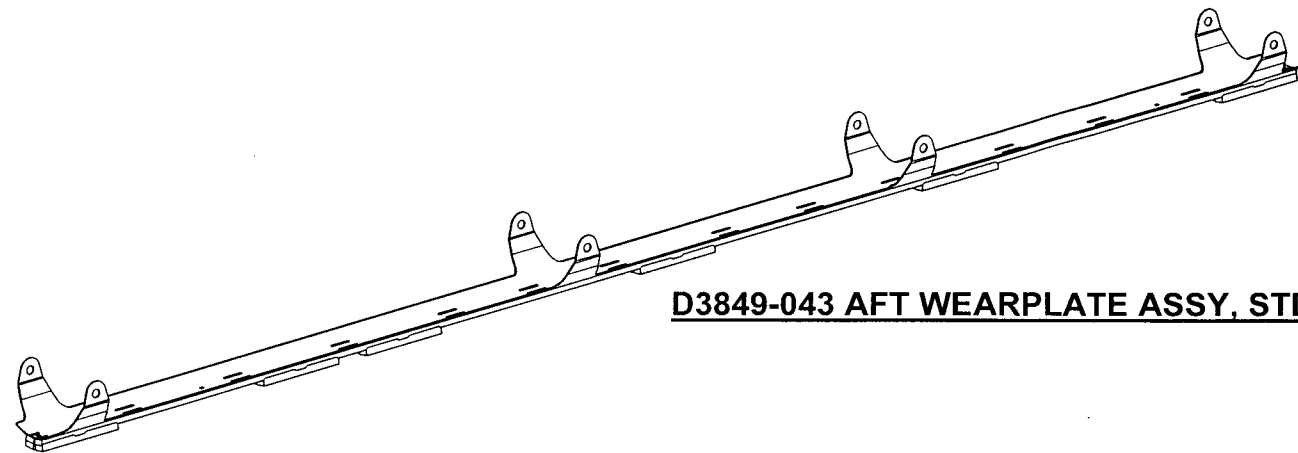
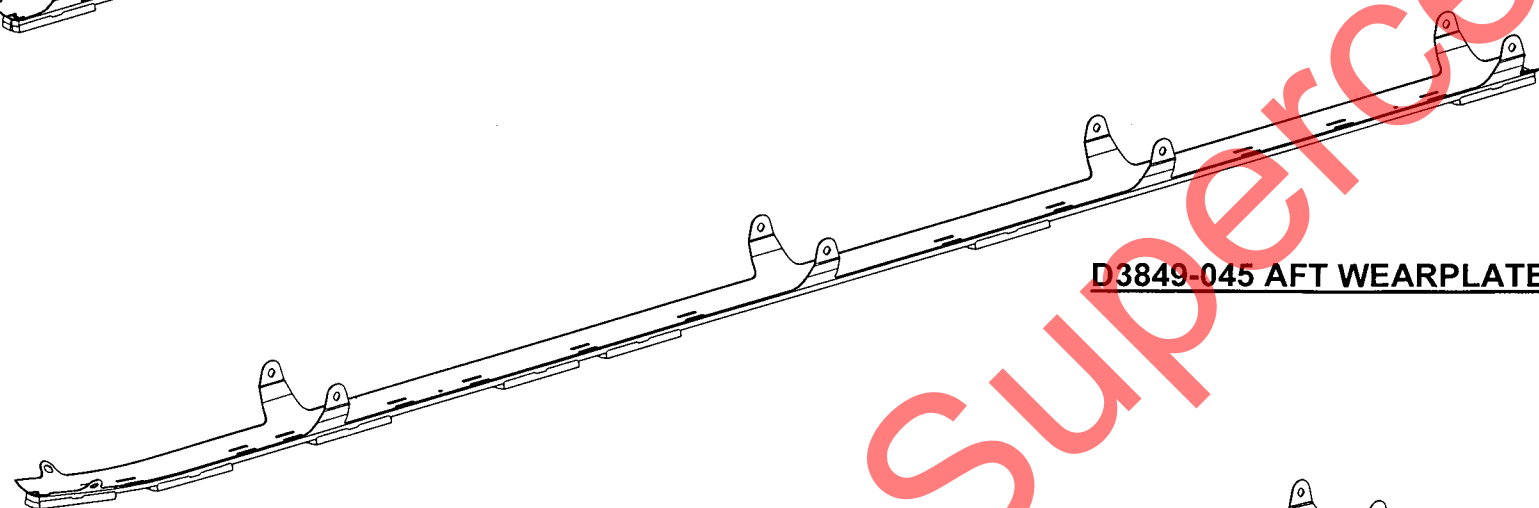


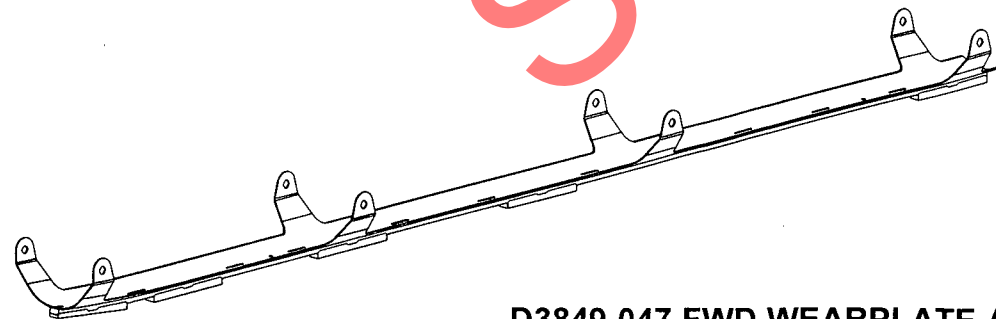
D3849-041 FWD WEARPLATE ASSY, STD GEAR



D3849-043 AFT WEARPLATE ASSY, STD GEAR



D3849-045 AFT WEARPLATE ASSY, FLOAT GEAR



D3849-047 FWD WEARPLATE ASSY, FLOAT GEAR

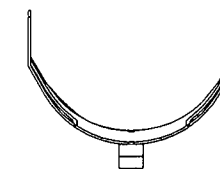
| ITEM | QTY -041 | QTY -043 | QTY -045 | QTY -047 | P/N | DESCRIPTION |
|------|----------|----------|----------|----------|-----------|--------------------------------|
| 1 | X | | | | D3849-041 | FWD WEARPLATE ASSY, STD GEAR |
| 2 | | X | | | D3849-043 | AFT WEARPLATE ASSY, STD GEAR |
| 3 | | | X | | D3849-045 | AFT WEARPLATE ASSY, FLOAT GEAR |
| 4 | | | | X | D3849-047 | FWD WEARPLATE ASSY, FLOAT GEAR |
| 11 | 1 | | | | D3849-1 | PLATE |
| 12 | | 1 | | | D3849-3 | PLATE |
| 13 | | | 1 | | D3849-5 | PLATE |
| 14 | | | | 1 | D3849-7 | PLATE |
| 15 | 1 | | | 1 | D3901-1 | BAR |
| 16 | | 2 | | | D3901-3 | BAR |
| 17 | | | 2 | | D3901-5 | BAR |
| 21 | A/R | A/R | A/R | A/R | 2059B | HARDCOAT |
| 22 | A/R | A/R | A/R | A/R | 4714 | PLUS ONE ROCKGUARD |

SUPERCEDED BY

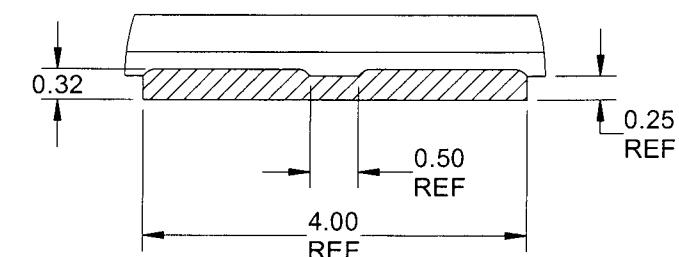
12 9 6

RELEASED
2012 -09- 04

| | | | |
|---|--|--|---------------|
| C | REVISED FLAT PATTERN - CHANGE SLOT LOCATIONS. ADDED DOUBLE SLOTS AND D3901-3/-5 BARS ON -043/-045. UPDATED DETAIL VIEWS. CHANGED WELD DETAILS (ZN B2-2). REMOVED D3848-1/-3/-5/-7 GASKETS, ADD ROCKGUARD COATING, REMOVE FINISH. | DC | 12.08.21 |
| B | REVISED FLAT PATTERN Ø0.375 WAS SLOT HOLE ON D3849-1F/-3F/-5F (ZN A4-5, B4-7, B4-8, C2-10, B2-10); ADD D3849-047 (ZN D4-1, A4-1 & B4-5) & D3849-7/-7F (ZN C4-9, A4-9); ADD SECTION K-K (ZN C5-10); 0.88 WAS 0.875 & 0.44 WAS 0.438 (ZN A3-10); ADD 0.25 & 0.88 (ZN D4-10, D3-10); ADD 0.88 & 0.44 (ZN C3-10 & B3-10); ADD FLAG NOTE (ZN A8-2, C6-2, C3-2, A8-3, C6-3, C3-3, A8-4, C6-4, C2-4); 66.87 WAS 67.36 (ZN B4-7) | RF | 09.06.30 |
| A | NEW ISSUE | RF | 09.03.30 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | RF | DART AEROSPACE USA, INC. | |
| DRAWN | DC | KENT, WA | |
| CHECKED | DC | DRAWING NO. | REV. C |
| MFG. APPR. | DC | D3849 | SHEET 1 OF 10 |
| APPROVED | DC | TITLE | SCALE |
| DE APPR. | DC | WEARPLATE ASSY | - NTS |
| DATE | 12.08.21 | COPYRIGHT © 2009 BY DART AEROSPACE USA, INC. | |
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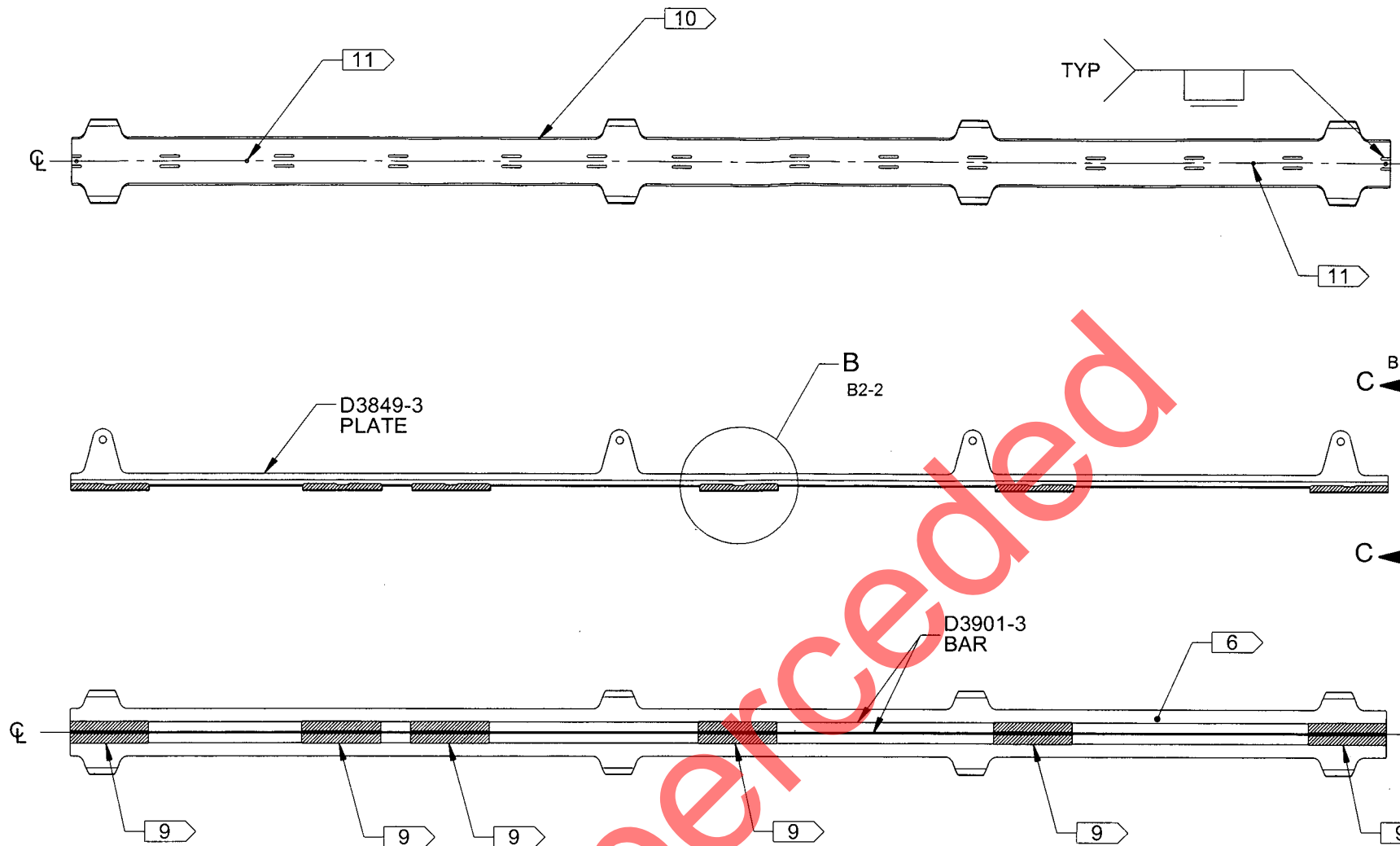
C3-2



C5-2

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2012-09-04

| | | | |
|------------|-----------|--|---------------|
| DESIGN | RF | DART AEROSPACE USA, INC. KENT, WA | |
| DRAWN | <i>DL</i> | | |
| CHECKED | <i>DL</i> | DRAWING NO. | REV. C |
| MFG. APPR. | <i>DL</i> | D3849 | SHEET 2 OF 10 |
| APPROVED | <i>DL</i> | TITLE | SCALE |
| DE APPR. | <i>DL</i> | WEARPLATE ASSY | NTS |
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D3849-043 AFT WEARPLATE ASSY, STD GEAR

SECTION C-C

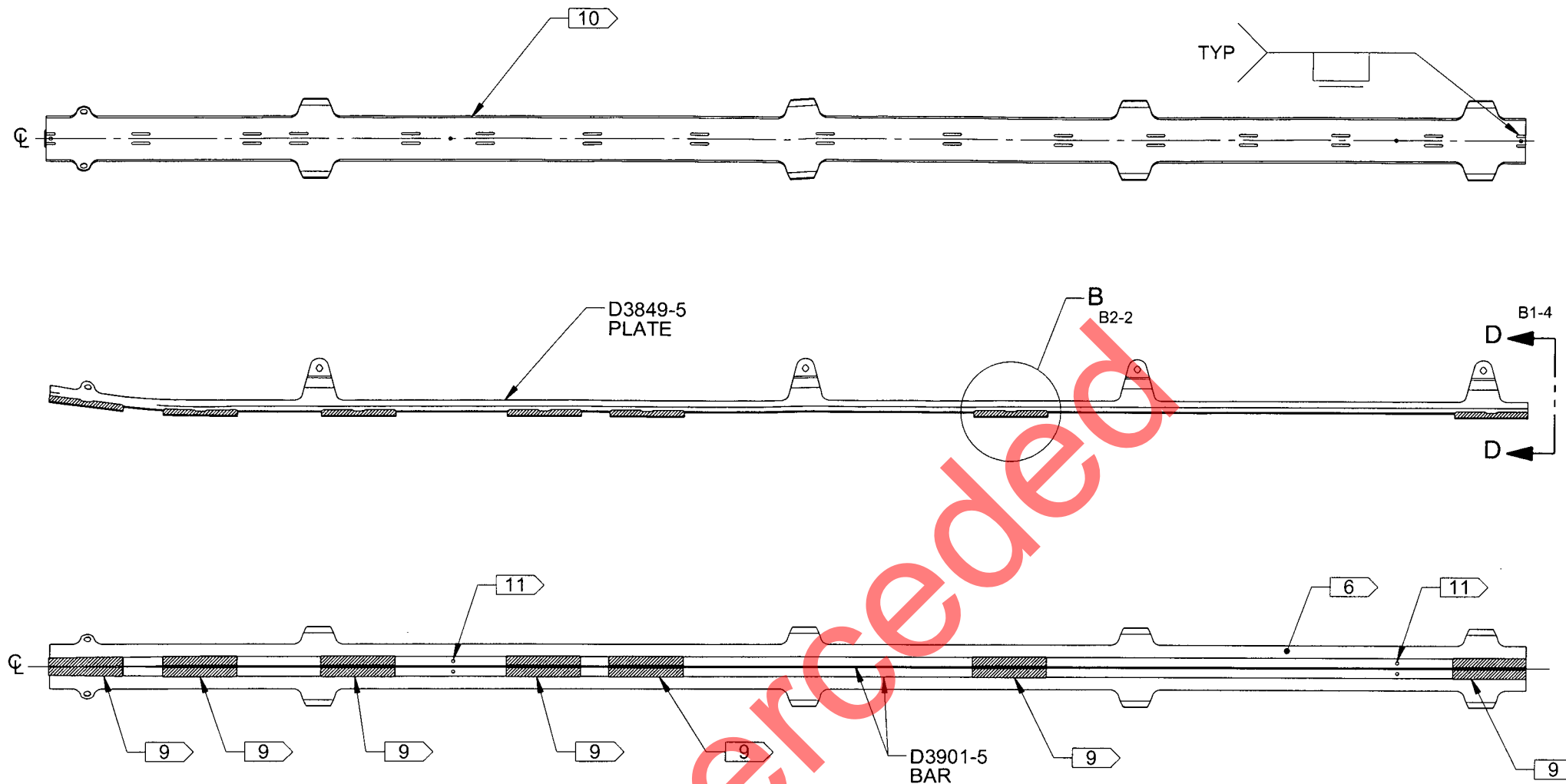
C3-3

RELEASED
2012-09-04
MP

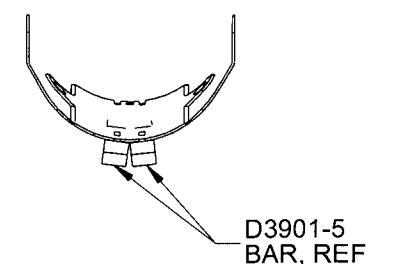
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
- 7) WEIGHT: D3849-043 = 7.66 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3901-3 BARS ON LATERAL SURFACES
- 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
- 11) TRANSFER DRILL \varnothing 0.188 HOLES FROM D3849-3 PLATE TO D3901-3 BARS

| | | | |
|------------|----------|---|---------------|
| DESIGN | RF | DART AEROSPACE USA, INC. | |
| DRAWN | PC | KENT, WA | |
| CHECKED | AS | DRAWING NO. | REV. C |
| MFG. APPR. | DS | D3849 | SHEET 3 OF 10 |
| APPROVED | MP | TITLE | SCALE |
| DE APPR. | MP | WEARPLATE ASSY | NTS |
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D3849-045 AFT WEARPLATE ASSY, FLOAT GEAR

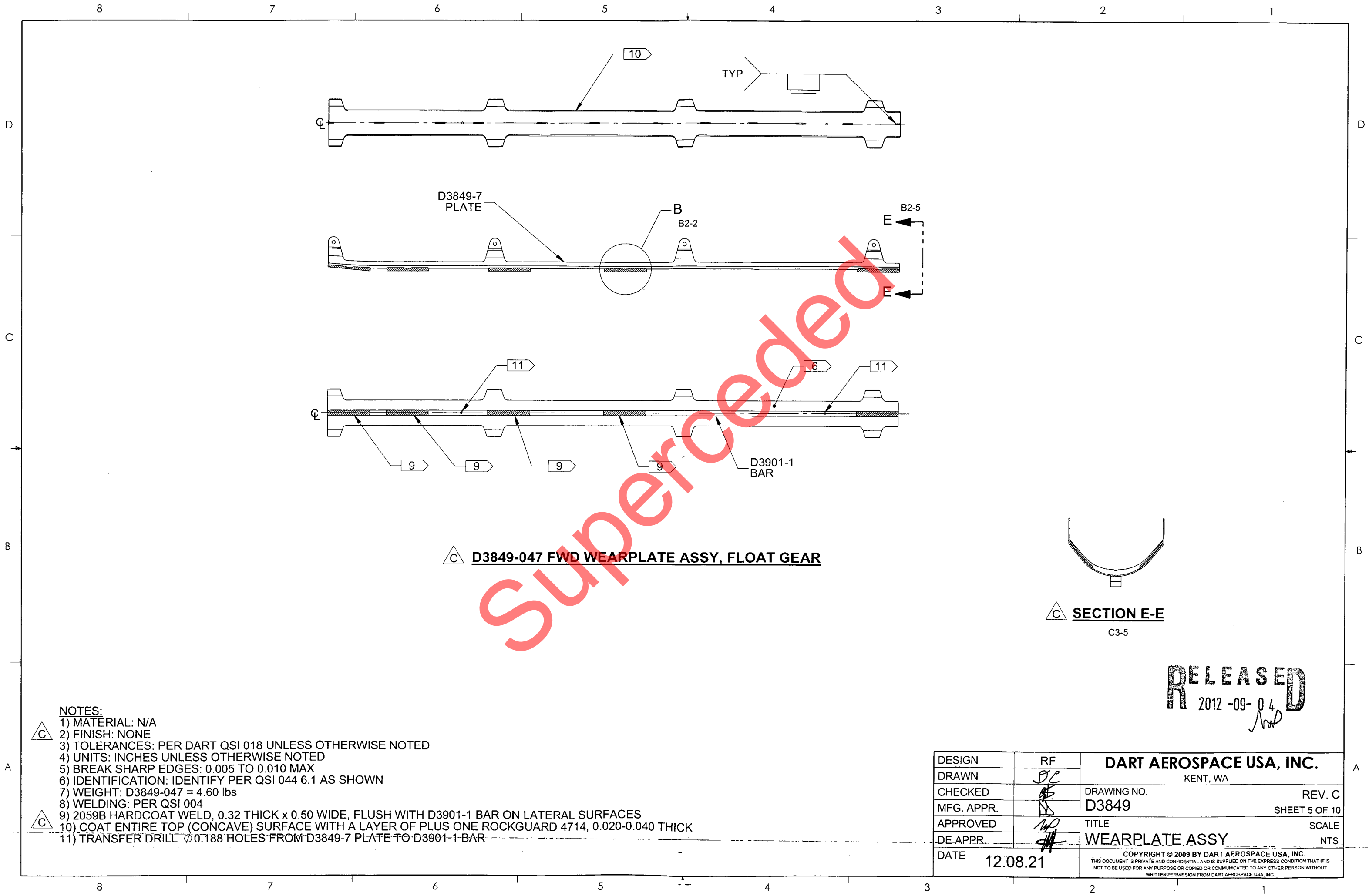


SECTION D-D
C2-4

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
- 7) WEIGHT: D3849-045 = 8.93 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B-HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3849-5 BARS ON LATERAL SURFACES
- 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
- 11) TRANSFER DRILL \varnothing 0.188 HOLES FROM D3849-5 PLATE TO D3901-5 BARS

| | | | |
|------------|----------|---|---------------|
| DESIGN | RF | DART AEROSPACE USA, INC. | |
| DRAWN | PC | KENT, WA | |
| CHECKED | AS | DRAWING NO. | REV. C |
| MFG. APPR. | DS | D3849 | SHEET 4 OF 10 |
| APPROVED | MP | TITLE | SCALE |
| DE APPR. | MP | WEARPLATE ASSY | NTS |
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D3849-047 FWD WEARPLATE ASSY, FLOAT GEAR

SECTION E-E
C3-5

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
- 7) WEIGHT: D3849-047 = 4.60 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3901-1 BAR ON LATERAL SURFACES
- 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
- 11) TRANSFER DRILL $\varnothing 0.188$ HOLES FROM D3849-7 PLATE TO D3901-1 BAR

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2012-09-04

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|------------|----------|---|---------------|
| DESIGN | RF | DART AEROSPACE USA, INC. | |
| DRAWN | PC | KENT, WA | |
| CHECKED | AS | DRAWING NO. | REV. C |
| MFG. APPR. | AS | D3849 | SHEET 5 OF 10 |
| APPROVED | MP | TITLE | SCALE |
| DE APPR. | MP | WEARPLATE ASSY | NTS |
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0.3 REF

R38.5

49.51

D3849-1 PLATE
(MAKE FROM D3849-1F)

A6-10

0.050
REF

7.72

Ø0.188 THRU
2 PL

D2-10

R0.38
TYP

B3-10

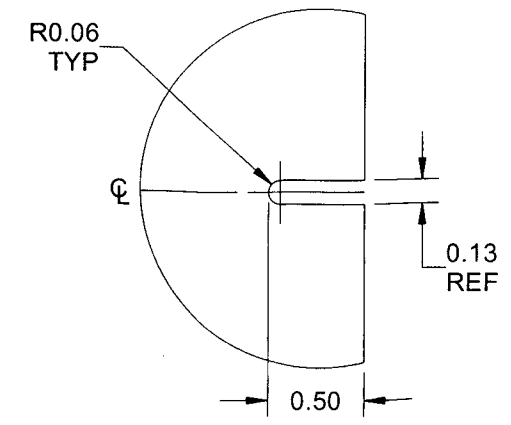
105°
TYP

R0.50
TYP

2.433
TYP

R0.06
2 PL

D3849-1F FLAT PATTERN



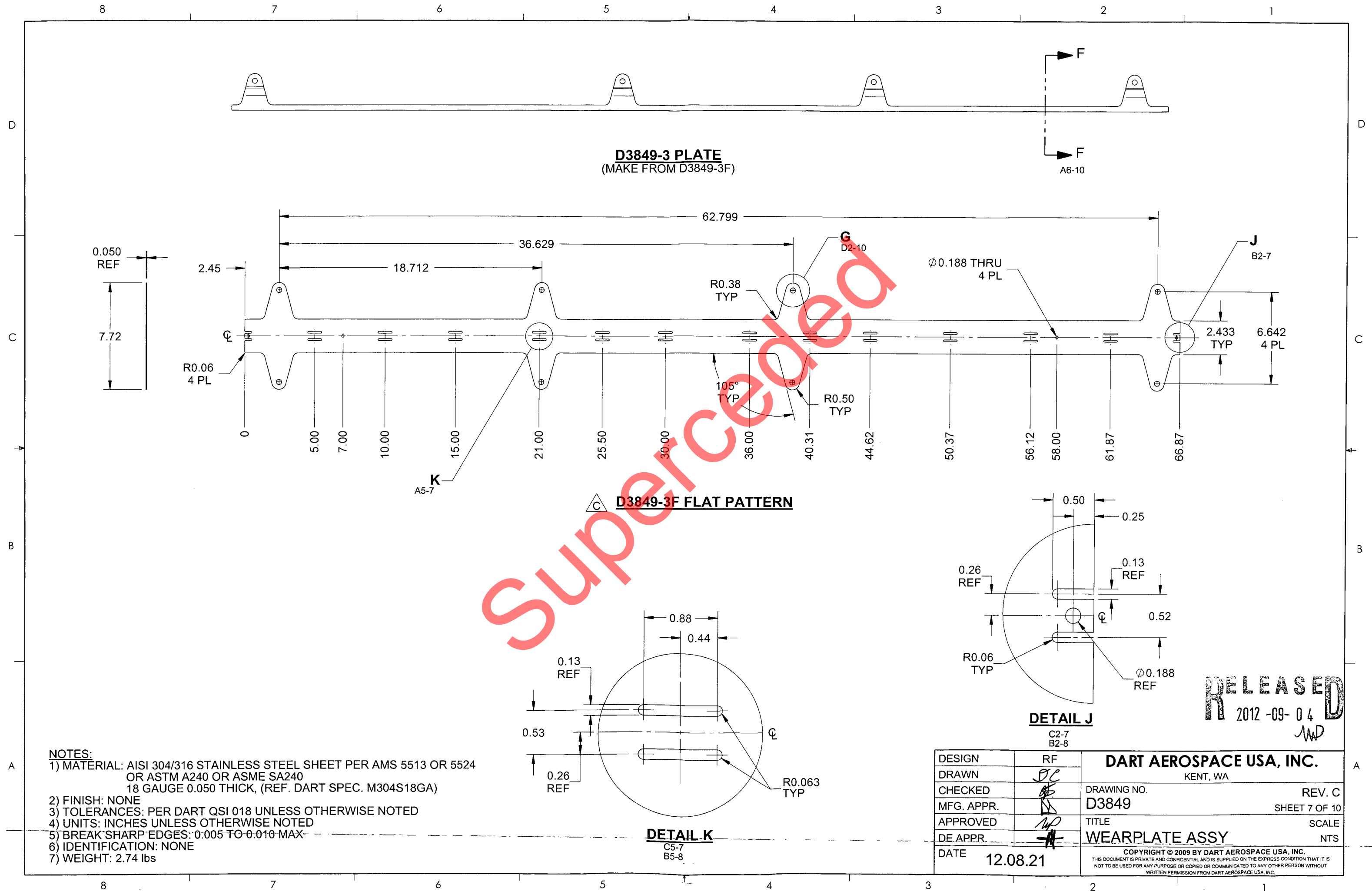
DETAIL I

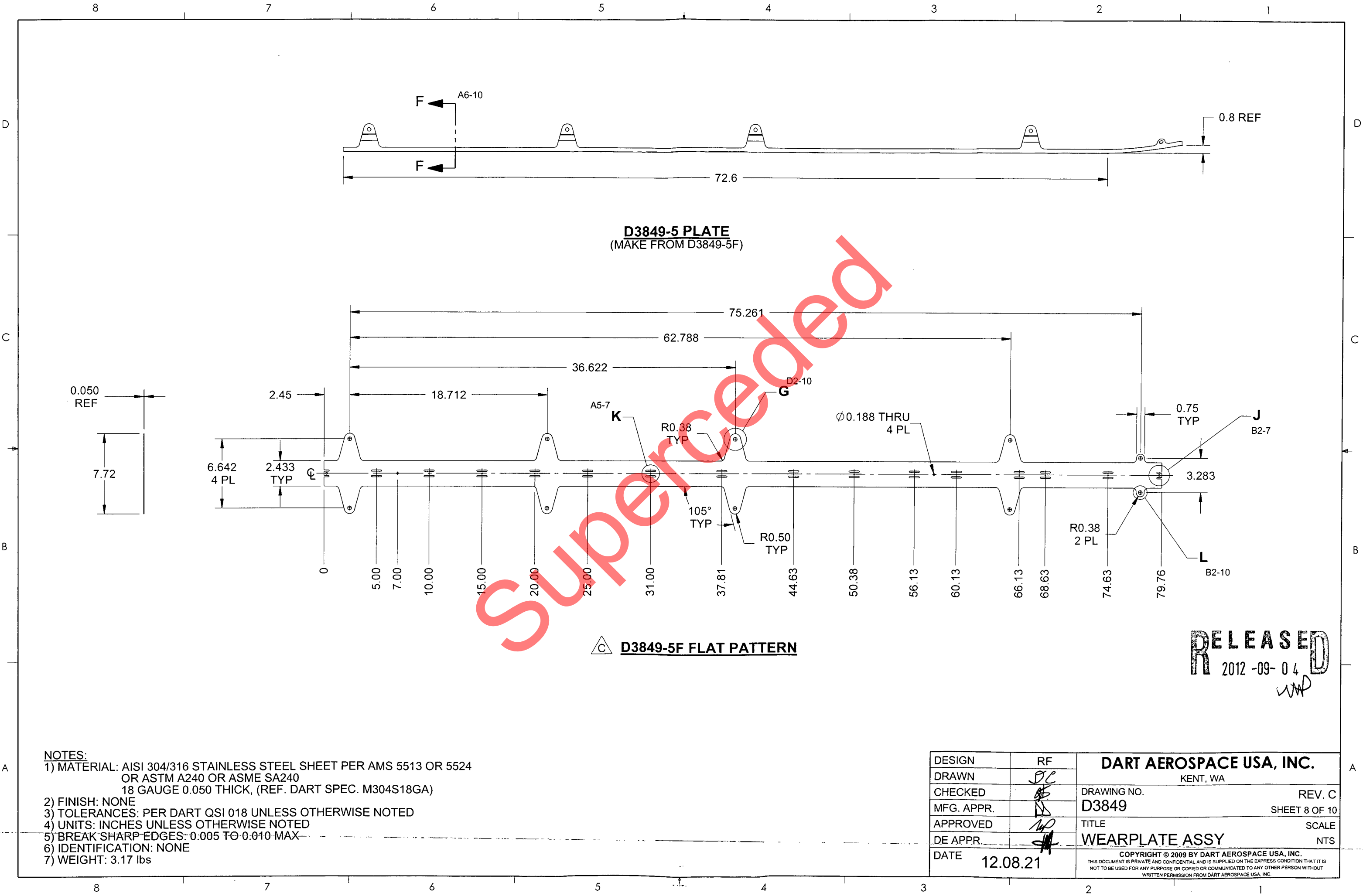
C2-6
B2-9

RELEASED
2012-09-04
MP

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 2.30 lbs

| | | | |
|------------|----------|---|---------------|
| DESIGN | RF | DART AEROSPACE USA, INC. | |
| DRAWN | BC | KENT, WA | |
| CHECKED | JS | DRAWING NO. | REV. C |
| MFG. APPR. | JS | D3849 | SHEET 6 OF 10 |
| APPROVED | MP | TITLE | SCALE |
| DE APPR. | MP | WEARPLATE ASSY | NTS |
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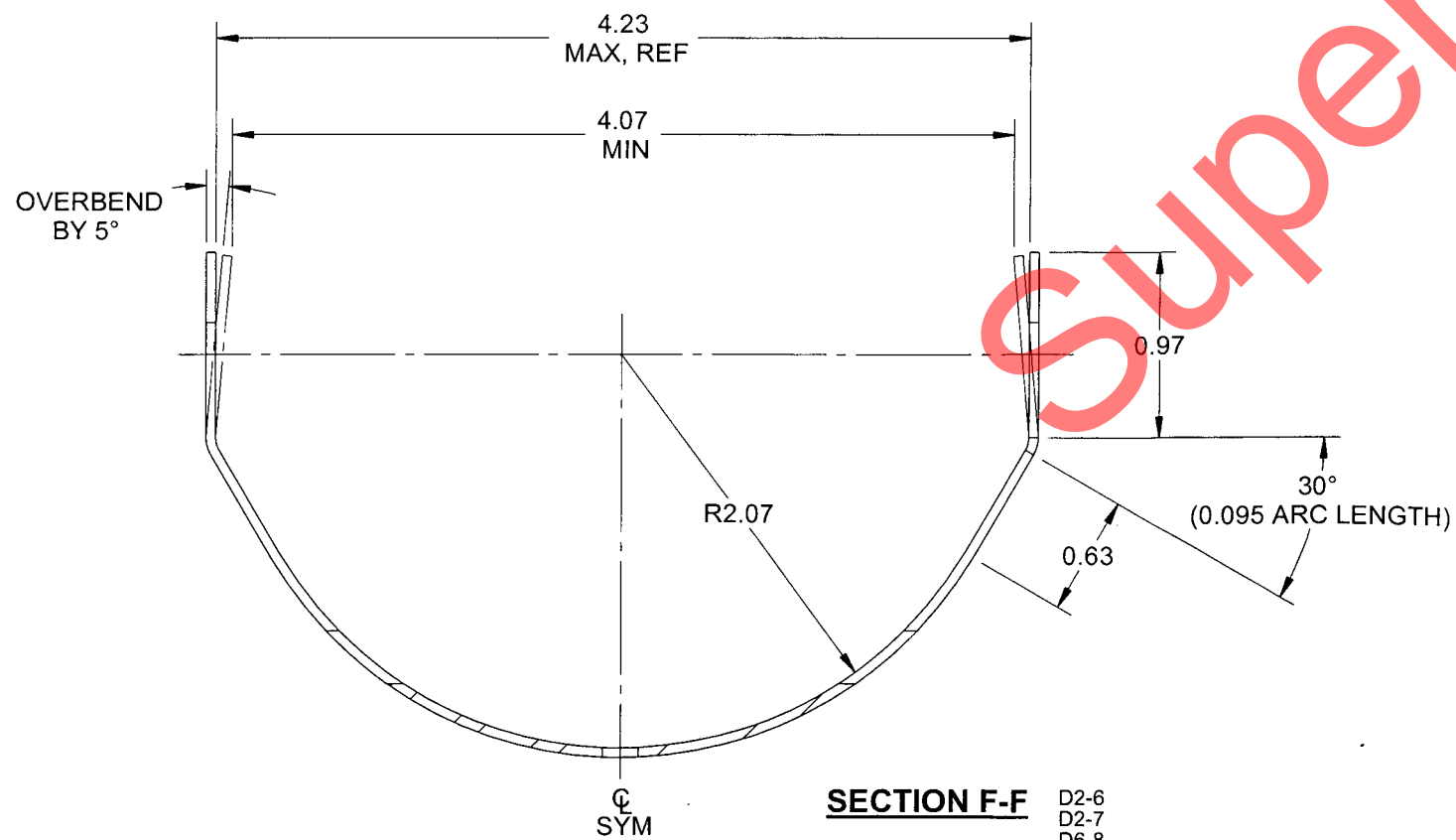
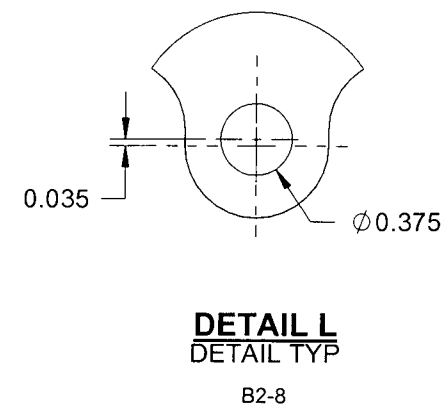
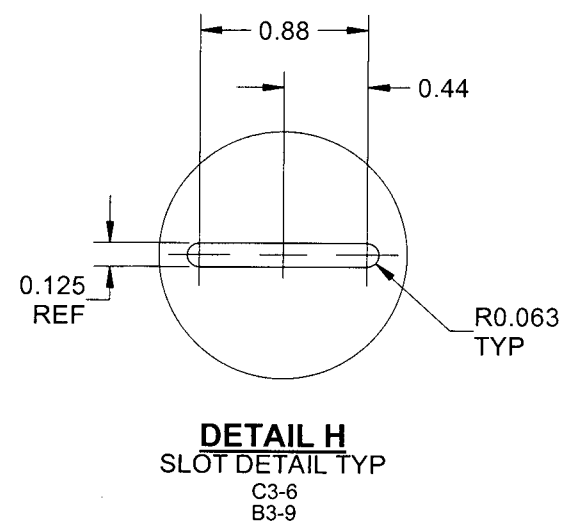
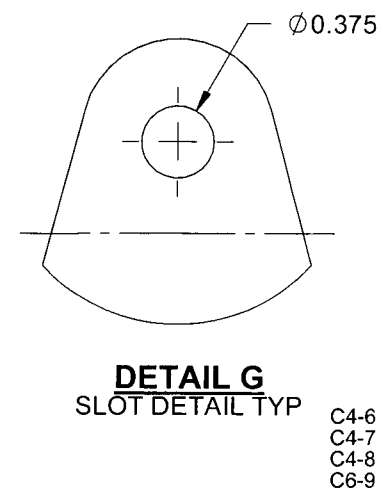
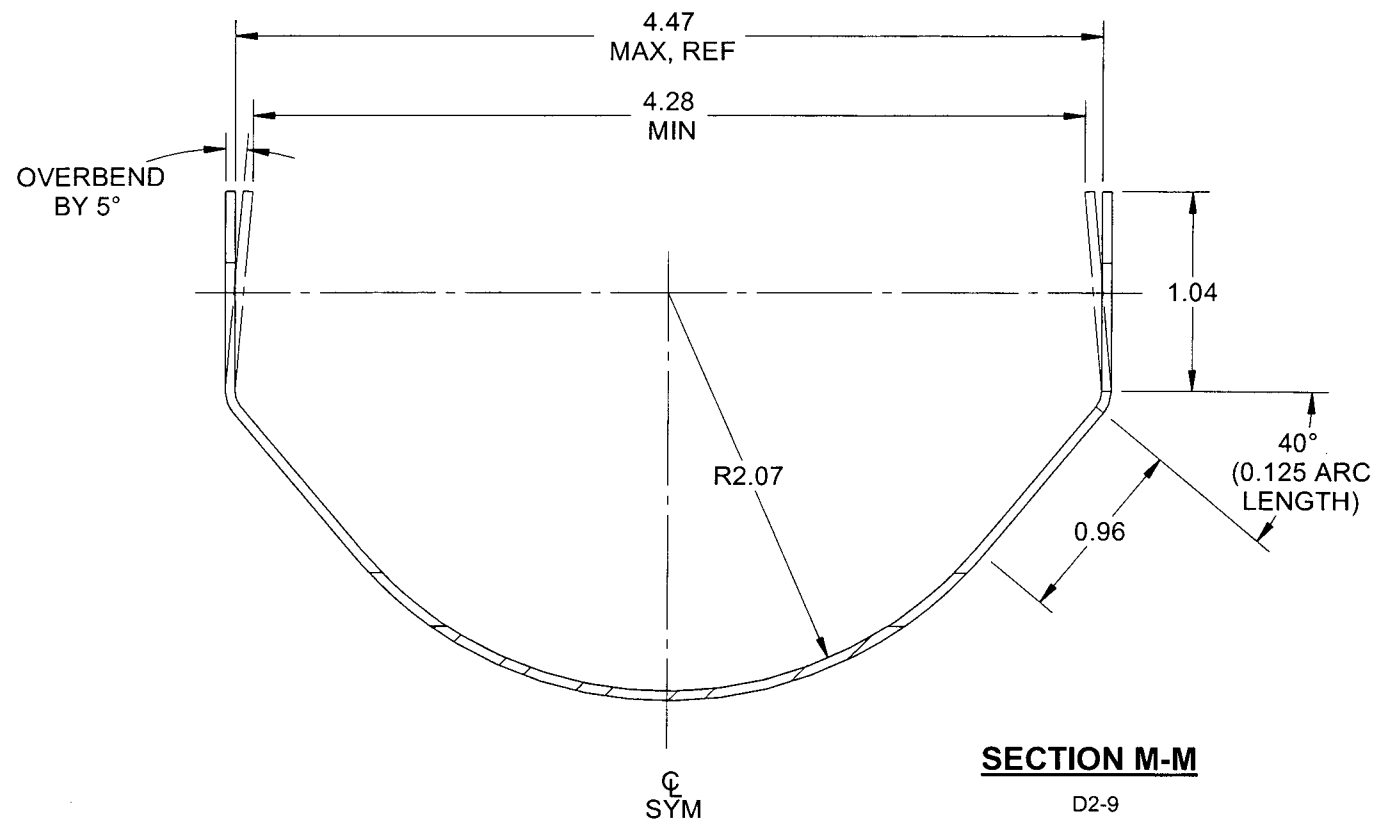
D3849-5 PLATE
(MAKE FROM D3849-5F)

D3849-5F FLAT PATTERN

RELEASED
2012-09-04
WWD

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010-MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 3.17 lbs

| | | | |
|------------|----------|---|---------------|
| DESIGN | RF | DART AEROSPACE USA, INC. | |
| DRAWN | PC | KENT, WA | |
| CHECKED | JE | DRAWING NO. | REV. C |
| MFG. APPR. | DS | D3849 | SHEET 8 OF 10 |
| APPROVED | MP | TITLE | SCALE |
| DE APPR. | W | WEARPLATE ASSY | NTS |
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| DRAWN | DC | KENT, WA | |
| CHECKED | JS | DRAWING NO. | REV. C |
| MFG. APPR. | JS | D3849 | SHEET 10 OF 10 |
| APPROVED | MS | TITLE | SCALE |
| DE APPR. | MS | WEARPLATE ASSY | NTS |
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